CLAIMS

1. A speech recognition apparatus in which a score reflecting the acoustic likelihood of the results of speech recognition of an input speech is calculated and in which the speech is recognized based on the score, comprising:

extraction means for extracting characteristic values of said speech;

selection means for selecting one or more first words from a group of words to be processed by speech recognition processing, based on a first measure calculated using said characteristic values, and for selecting one or more second words based on a second measure different from said first measure;

score calculation means for calculating said score of said first and second words selected by said selection means; and

finalizing means for finalizing a word string, as the recognition result of said speech, based on said score.

2. The speech recognition apparatus according to claim 1 wherein said selection means selects, as said second words, the words having the number of phonemes satisfying a pre-set condition, with the number of phonemes as said second measure.

3. The speech recognition apparatus according to claim 1 wherein said

selection means selects, as said second words, the words having the part of speech satisfying a pre-set condition, with the part of speech as said second measure.

4. The speech recognition apparatus according to claim 1 wherein said selection means selects, as said second words, the words having the linguistic likelihood satisfying a pre-set condition, with the linguistic likelihood as said second measure.

5. The speech recognition apparatus according to claim 1 further comprising:

storage means for memorizing the results of speech recognition; wherein

said selection means selects, as said second words, the words included in the results of speech recognition memorized in said storage means, with the stored state in said storage means as said second measure.

6. The speech recognition apparatus according to claim 5 further comprising:

inputting means for providing an input for correcting the results of speech recognition; wherein

said storage means stores the results of the speech recognition corrected

by the input from said inputting means.

7. The speech recognition apparatus according to claim 1 wherein said selection means calculates said score using characteristic values of the speech to select said first word based on said score.

8. A speech recognition method in which a score reflecting the acoustic likelihood of the results of speech recognition of an input speech is calculated and in which the speech is recognized based on the score, comprising:

an extraction step of extracting characteristic values of said speech;

a selection step of selecting one or more first words from a group of words to be processed by speech recognition processing, based on a first measure calculated using said characteristic values, and for selecting one or more second words based on a second measure different from said first measure;

a score calculation step of calculating said score of said first and second words selected by said selection step; and

a finalizing step of finalizing a word string, as the recognition result of said speech, based on said score.

9. A recording medium having recorded thereon a program for causing a

computer to perform speech recognition processing in which a score reflecting the acoustic likelihood of the results of speech recognition of an input speech is calculated and in which the speech is recognized based on the score, comprising:

an extraction step of extracting characteristic values of said speech;

a selection step of selecting one or more first words from a group of words to be processed by speech recognition processing, based on a first measure calculated using said characteristic values, and for selecting one or more second words based on a second measure different from said first measure;

a score calculation step of calculating said score of said first and second words selected by said selection step; and

a finalizing step of finalizing a word string, as the recognition result of said speech, based on said score.